

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

In re application of:	G. Glenn Henry Thomas C. McDonald
Serial No.:	09/849734
Filed:	05/04/01
Docket:	CNTR.2023
For:	SPECULATIVE HYBRID BRANCH DIRECTION PREDICTOR

Stamp: OFFICE OF PATENT & TRADEMARK OFFICE, DEC 14 2004

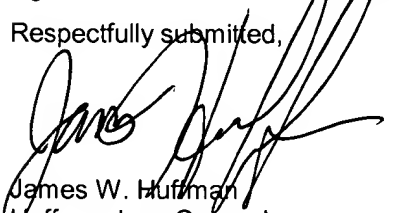
Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the Examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 C.F.R. § 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b) or is available as a reference under 35 U.S.C. § 102 *et seq.* Applicant reserves the right to swear behind or otherwise disprove the alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.


A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

Respectfully submitted,


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Date: 12-18-04

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By: 



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/849734
				Filing Date	05/04/01
				First Named Inventor	G. Glenn Henry Thomas C. McDonald
				Group Art Unit	2183
				Examiner Name	Henry W. H. Tsai
Sheet	1	of	2	Attorney Docket Number	CNTR.2023

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
	AA	5142634		Fite et al	08/25/1992	
	AB	5163140		Stiles et al	11/10/1992	
	AC	5353421		Emma et al	10/04/1994	
	AD	5355459		Matsuo et al	10/11/1994	
	AE	5404467		Saba et al	04/04/1995	
	AF	5530825		Black et al	06/25/1996	
	AG	5850543		Shiell et al	12/15/1998	
	AH	5867701		Brown et al	02/02/1999	
	AI	5948100		Hsu et al	09/07/1999	
	AJ	5964868		Gochman et al	10/12/1999	
	AK	5974543		Hilgendorf et al	10/26/1999	
	AL	5978909		Oded Lempel	11/02/1999	
	AM	6044459		Bae et al	03/28/2000	
	AN	6108773		Col et al	08/22/2000	
	AO	6151671		D'Sa et al	11/21/2000	
	AP	6314514		Thomas C. McDonald	11/6/2001	
	AQ	6601161		Rappoport et al	07/29/2003	
	AR	6647467		Eric M. Dowling	11/11/2003	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	2183
				Examiner Name	Henry W.H. Tsai
Sheet	2	of	2	Attorney Docket Number	CNTR.2023

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BA	SAKAMOTO ET AL; <u>Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor</u> ; pp. 208-216; IEEE 1996; Mitsubishi Electric Corp., System LSI Laboratory, 4-1 Mizuhara, Itami, Hyogo 664, Japan.	
	BB	YEH ET AL; <u>ALTERNATIVE IMPLEMENTATION OF TWO-LEVEL ADAPTIVE BRANCH PREDICTION</u> ; 19 TH Annual International Symposium on Computer Architecture, pp. 124-134, May 19-21, 1992, Gold Coast, Australia.	
	BC	CHANG ET AL; <u>ALTERNATIVE IMPLEMENTATIONS OF HYBRID BRANCH PREDICTORS</u> ; Proceedings of MICRO-28, 1995, IEEE.	
	BD	MC FARLING, SCOTT; <u>WRL TECHNICAL NOTE TN-36</u> , "Combining Branch Predictors, June 1993, Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
	BE	IEEE 100; <u>THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS</u> ; Seventh Edition, IEEE, Standards Information Network, IEEE Press,	
	BF	BRAY ET AL; <u>STRATEGIES FOR BRANCH TARGET BUFFERS</u> ; Technical Report No. CSL-TR-91-480, June 1991.	

Examiner Signature		Date Considered	
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